

FORM PTO-1390US DEPARTMENT OF COMMERCE REV. 5-93PATENT AND TRADEMARK OFFICE TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEYS DOCKET NUMBER 09792909-6002
		U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/510087
INTERNATIONAL APPLICATION NO. PCT/JP03/04859	INTERNATIONAL FILING DATE April 16, 2003	PRIORITY DATE CLAIMED April 17, 2002
TITLE OF INVENTION "STORAGE UNIT USING MEMORY ELEMENT OF VARIABLE RESISTANCE AND METHOD OF DETERMINING REFERENCE RESISTANCE THEREOF"		
APPLICANT(S) FOR DO/EO/US Katsutoshi Moriyama and Yutaka Higo		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none">1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay.4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date and the U.S. has been elected.5. <input checked="" type="checkbox"/> A copy of International Application (35 U.S.C. 371(c)(2))<ol style="list-style-type: none">a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau.c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 34.<ol style="list-style-type: none">a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).b. <input type="checkbox"/> have been transmitted by the International Bureau.c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.d. <input checked="" type="checkbox"/> have not been made and will not be made.8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)) (attached at back of English translation of application)9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)) - Forms 338 and 409. <p>Items 11. to 16. below concern other document(s) or information included:</p> <ol style="list-style-type: none">11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98; (PTO 1449, Prior Art, Search Report).12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.13. <input checked="" type="checkbox"/> A FIRST preliminary amendment.14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.15. <input type="checkbox"/> A substitute specification.16. <input type="checkbox"/> A change of power of attorney and/or address letter.17. <input checked="" type="checkbox"/> Other items or information:<ol style="list-style-type: none">a. <input checked="" type="checkbox"/> Submission of Drawings (12 sheets of drawings - Figs. 1-12)b. <input checked="" type="checkbox"/> EXPRESS MAIL #EV433244457USc. <input checked="" type="checkbox"/> Forms 210, 220, 301, 304 and 308f. <input checked="" type="checkbox"/> Form 2038		

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.55) 107510087		INTERNATIONAL APPLICATION NO. PCT/JP03/04859		ATTORNEY'S DOCKET NUMBER 09792909-6002	
---	--	---	--	---	--

17. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5): Neither international preliminary examination fee (37 CFR §1.482) Nor international search fee (37 CFR §1.445(a)(2)) paid to USPTO And International Search Report not prepared by the EPO or JPO \$1110.00 International preliminary examination fee (37 C.F.R. §1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$ 950.00 International Preliminary examination fee (37 CFR §1.482) not paid to USPTO But international search fee (37 CFR §1.445(a)(2)) paid to USPTO \$ 790.00 International preliminary examination fee (37 C.F.R. §1.482) paid to USPTO But all claims did not satisfy provisions of PCT Article 33(1)-(4) \$ 750.00 International preliminary examination fee (37 CFR §1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)(4) \$ 100.00 <div style="text-align: right;">ENTER APPROPRIATE BASIC FEE AMOUNT =</div>				CALCULATIONS		PTO USE ONLY	

Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).				\$			
--	--	--	--	----	--	--	--

Claims	Number Filed	Number Extra	Rate			
Total Claims	14 - 20 =		X \$ 18.00	\$		
Independent Claims	5 - 3 =	2	X \$ 88.00	\$ 176.00		
Multiple Dependent Claims			\$300.00 +	\$ 300.00		
TOTAL OF ABOVE CALCULATIONS =				\$ 1,426.00		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR §1.27. The fees indicated above are reduced by 1/2.				\$		
SUBTOTAL =				\$ 1,426.00		
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$		
TOTAL NATIONAL FEE =				\$ 1,426.00		
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property +				\$ 40.00		
TOTAL FEES ENCLOSED =				\$ 1,466.00		
				Amount to be refunded	\$	
				charged	\$ 1,466.00	

a. ☐ A check in the amount of \$___ to cover the above fees is enclosed.

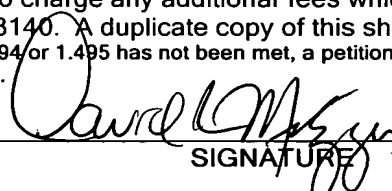
b. ☒ Please charge attorney's firm American Express Account No. 378571697402000 in the amount of \$ 1,466.00 to cover the above fees. PTO Form 2038 is enclosed for that purpose.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-3140. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Sonnenschein, Nath & Rosenthal LLP
P.O. Box 061080
Wacker Drive Station - Sears Tower
Chicago, Illinois 60606-1080
Customer No. 26263
Telephone 312/876-8000



 SIGNATURE

 David R. Metzger

 NAME

 32,919

 Registration Number

 October 1, 2004

 Date:

15866 U.S. PTO
100104

10-4-04 DT14 PC PTO 01 OCT 2004

EXPRESS MAIL #EV433244457US

10/510087

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"Express Mail" Mailing Label Number: EV433244457US

Date of Deposit: October 1, 2004

I hereby certify that this correspondence is being deposited with the United States Postal "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

National U.S. phase application based on PCT application No. PCT/JP03/04859 including the following:

Applicant(s): Katsutoshi Moriyama and Yutaka Higo

Attorney Docket No. 09792909-6002

\$1,426.00 filing fee (14 claims - 5 independent) (charged to AMEX account)

Executed Declaration

Executed Assignment, PTO 1595 & \$40.00 recording fee (chg. to AMEX account)

Preliminary Amendment

12 sheets of Drawings (Figs. 1-12)

Form 2038

Request and Forms 210, 220, 301, 304 and 308

Information Disclosure Statement, PTO 1499 and references cited

Return postcard

K. T. Moriyama

Signature of Person Mailing Application and Fees